



STIC Search Report

EIC 3600

STIC Database Tracking Number: 98463

TO: Jim McCellan

Location: 7X07

Art Unit : 3627

Monday, July 14, 2003

Case Serial Number: 09/672435

From: Sylvia Keys

Location: EIC 3600

PK5-Suite 804

Phone: 305-5782

sylvia.keys@uspto.gov

Search Notes

Dear Jim,

Please read through the results.

If you have any questions, please do not hesitate to contact me.

Sylvia



Access DB#

98463

22
SEARCH REQUEST FORM
Scientific and Technical Information Center

Requester's Full Name: Jim McClellan Examiner #: 75466 Date: 7/9/03
Art Unit: 3627 Phone Number: 305-0212 Serial Number: 09/672,435
Mail Box and Bldg/Room Location: PK5-7X07 Results Format Preferred: Paper

If more than one search is submitted, please prioritize searches in order of need.

Title of Invention: Customer Checkout Accelerator

Inventors (please provide full names): John Gerkin, Thomas Prorock, and William Werdel

Earliest Pri. Filing Date: 9/28/00

Notes:

This invention attempts to accelerate the checkout process at a point of sale terminal by utilizing the idle time spent waiting in line. While waiting in line, a customer accesses a network system to get preapproval for a future transaction. The preapproval notification is stored in the point of sale terminal in anticipation of a future transaction. If the customer exceeds the preapproval amount, then the point of sale terminal requests an additional amount to be authorized. This invention reduces the checkout time because the transaction process does not include the normal wait for credit approval. Additionally, this invention allows the customer to access promotions on the network system while waiting in line. The customer is able to purchase items over the Internet while waiting.

US Patent 5,010,485 solves the same problem but fails to include some of the advanced features, such as dynamically requesting approval when the customer's transaction exceeds the original preapproval amount. Additionally, '485 fails to show allowing the customer to shop via promotions while waiting in line.

Possible Keywords: preapproval, preapprove, payment, transaction, credit card, debit card, smart card, checkout point of sale, POS, wait, que, network, Internet, promotion, promotional

I have attached a copy of the ABSTRACT, SUMMARY OF THE INVENTION AND CLAIM 1.

Classification: 705/17

STAFF USE ONLY	Type of Search	Vendors and cost where applicable
Searcher:	NA Sequence (#)	STN
Searcher Phone #	AA Sequence (#)	Dialog
Searcher Location:	Structure (#)	Questel/Orbit
Date Searcher Picked Up:	Bibliographic	Dr. Link
Date Completed:	Litigation	Lexis/Nexis
Searcher Prep & Review Time:	Fulltext	Sequence Systems
Clerical Prep Time:	Patent Family	WWW/Internet
Online Time	Other	Other (specify)

File 344:Chinese Patents Abs Aug 1985-2003/Mar
(c) 2003 European Patent Office

File 347:JAPIO Oct 1976-2003/Mar(Updated 030703)
(c) 2003 JPO & JAPIO

File 350:Derwent WPIX 1963-2003/UD,UM &UP=200344
(c) 2003 Thomson Derwent

File 348:EUROPEAN PATENTS 1978-2003/Jul W01
(c) 2003 European Patent Office

File 349:PCT FULLTEXT 1979-2002/UB=20030710,UT=20030703
(c) 2003 WIPO/Univentio

File 256:SoftBase:Reviews,Companies&Prods. 82-2003/Jun
(c)2003 Info.Sources Inc

File 2:INSPEC 1969-2003/Jul W1
(c) 2003 Institution of Electrical Engineers

File 35:Dissertation Abs Online 1861-2003/Jun
(c) 2003 ProQuest Info&Learning

File 65:Inside Conferences 1993-2003/Jul W1
(c) 2003 BLDSC all rts. reserv.

File 99:Wilson Appl. Sci & Tech Abs 1983-2003/May
(c) 2003 The HW Wilson Co.

File 233:Internet & Personal Comp. Abs. 1981-2003/May
(c) 2003 Info. Today Inc.

File 583:Gale Group Globalbase(TM) 1986-2002/Dec 13
(c) 2002 The Gale Group

File 474:New York Times Abs 1969-2003/Jul 11
(c) 2003 The New York Times

File 475:Wall Street Journal Abs 1973-2003/Jul 11
(c) 2003 The New York Times

File 16:Gale Group PROMT(R) 1990-2003/Jul 14
(c) 2003 The Gale Group

File 148:Gale Group Trade & Industry DB 1976-2003/Jul 14
(c)2003 The Gale Group

File 160:Gale Group PROMT(R) 1972-1989
(c) 1999 The Gale Group

File 275:Gale Group Computer DB(TM) 1983-2003/Jul 14
(c) 2003 The Gale Group

File 621:Gale Group New Prod.Annou.(R) 1985-2003/Jul 14
(c) 2003 The Gale Group

File 636:Gale Group Newsletter DB(TM) 1987-2003/Jul 14
(c) 2003 The Gale Group

File 9:Business & Industry(R) Jul/1994-2003/Jul 11
(c) 2003 Resp. DB Svcs.

File 15:ABI/Inform(R) 1971-2003/Jul 12
(c) 2003 ProQuest Info&Learning

File 20:Dialog Global Reporter 1997-2003/Jul 14
(c) 2003 The Dialog Corp.

File 95:TEME-Technology & Management 1989-2003/Jun W5
(c) 2003 FIZ TECHNIK

File 476:Financial Times Fulltext 1982-2003/Jul 14
(c) 2003 Financial Times Ltd

File 610:Business Wire 1999-2003/Jul 14
(c) 2003 Business Wire.

File 613:PR Newswire 1999-2003/Jul 14
(c) 2003 PR Newswire Association Inc

File 624:McGraw-Hill Publications 1985-2003/Jul 11
(c) 2003 McGraw-Hill Co. Inc

File 634:San Jose Mercury Jun 1985-2003/Jul 12
(c) 2003 San Jose Mercury News

File 810:Business Wire 1986-1999/Feb 28
(c) 1999 Business Wire

File 813:PR Newswire 1987-1999/Apr 30
(c) 1999 PR Newswire Association Inc

File 570:Gale Group MARS(R) 1984-2003/Jul 14
(c) 2003 The Gale Group

File 477:Irish Times 1999-2003/Jul 14

(c) 2003 Irish Times
 File 710:Times/Sun.Times(London) Jun 1988-2003/Jul 12
 (c) 2003 Times Newspapers
 File 711:Independent(London) Sep 1988-2003/Jul 14
 (c) 2003 Newspaper Publ. PLC
 File 756:Daily/Sunday Telegraph 2000-2003/Jul 14
 (c) 2003 Telegraph Group
 File 757:Mirror Publications/Independent Newspapers 2000-2003/Jul 14
 (c) 2003
 File 387:The Denver Post 1994-2003/Jul 11
 (c) 2003 Denver Post
 File 471:New York Times Fulltext 90-Day 2003/Jul 13
 (c) 2003 The New York Times
 File 492:Arizona Repub/Phoenix Gaz 19862002/Jan 06
 (c) 2002 Phoenix Newspapers
 File 494:St LouisPost-Dispatch 1988-2003/Jul 13
 (c) 2003 St Louis Post-Dispatch
 File 498:Detroit Free Press 1987-2003/Jul 11
 (c) 2003 Detroit Free Press Inc.
 File 631:Boston Globe 1980-2003/Jul 13
 (c) 2003 Boston Globe
 File 633:Phil.Inquirer 1983-2003/Jul 11
 (c) 2003 Philadelphia Newspapers Inc
 File 638:Newsday/New York Newsday 1987-2003/Jul 11
 (c) 2003 Newsday Inc.
 File 640:San Francisco Chronicle 1988-2003/Jul 13
 (c) 2003 Chronicle Publ. Co.
 File 641:Rocky Mountain News Jun 1989-2003/Jul 12
 (c) 2003 Scripps Howard News
 File 702:Miami Herald 1983-2003/Jul 11
 (c) 2003 The Miami Herald Publishing Co.
 File 703:USA Today 1989-2003/Jul 12
 (c) 2003 USA Today
 File 704:(Portland)The Oregonian 1989-2003/Jul 12
 (c) 2003 The Oregonian
 File 713:Atlanta J/Const. 1989-2003/Jul 10
 (c) 2003 Atlanta Newspapers
 File 714:(Baltimore) The Sun 1990-2003/Jul 11
 (c) 2003 Baltimore Sun
 File 715:Christian Sci.Mon. 1989-2003/Jul 14
 (c) 2003 Christian Science Monitor
 File 725:(Cleveland)Plain Dealer Aug 1991-2003/Jul 13
 (c) 2003 The Plain Dealer
 File 735:St. Petersburg Times 1989- 2000/Nov 01
 (c) 2000 St. Petersburg Times

?ds

Set	Items	Description
S1	1185430	((RETAIL? OR BAM OR GROCERY? OR SUPERMARKET? OR BRICK(1W)M- ORTAR) (5N)CHECKOUT? OR CHECK?()OUT? OR POS OR POINT(1W)SALE? - OR WAIT?(1W)LINE? OR QUEUE? OR IDLE? OR IDLING?) NOT PY=2001
S2	0	S1(3N) (PREAPPROV?(CREDIT? OR PAYMENT?))
S3	0	S1(5N) (PREAPPROV?(CREDIT? OR PAYMENT?))
S4	0	S1(10N) (PREAPPROV?(CREDIT? OR PAYMENT?))
S5	1101	S1(5N) (CARD()READER?) (5N) (TERMINAL? ? OR APPARATUS OR DEVI- CE? ? OR STAND()ALONE? OR TOUCH()SCREEN?)
S6	0	S5(5N) PREAPPROV?
S7	15	S1(5N) (PRE()APPROV?)
S8	18	(CHECKOUT? OR CHECK?()OUT? OR POS OR POINT(1W)SALE? OR WAI- T?(1W)LINE? OR QUEUE? OR IDLE? OR IDLING?) (5N) (PRE()APPROV?) - NOT PY=2001
S9	3	S8 NOT S7

7/3,K/1 (Item 1 from file: 348)
DIALOG(R) File 348:EUROPEAN PATENTS
(c) 2003 European Patent Office. All rts. reserv.

00628502

Method and apparatus for credit card verification

Verfahren und Vorrichtung zur Kreditkartenechtheitsprufung

Methode et appareil pour la verification de cartes de credit

PATENT ASSIGNEE:

EASTMAN KODAK COMPANY, (201214), 343 State Street, Rochester, New York
14650-2201, (US), (applicant designated states: DE;FR;GB)

INVENTOR:

Ray, Lawrence A., c/o Eastman Kodak Company, Patent Legal Staff, 343
State Street, Rochester, New York 14650-2201, (US)

Ellson, Richard N., Eastman Kodak Company, Patent Legal Staff, 343 State
Street, Rochester, New York 14650-2201, (US)

LEGAL REPRESENTATIVE:

Buff, Michel et al (14411), KODAK INDUSTRIE Departement Brevets - CRT
Zone Industrielle - B.P. 21, 71102 Chalon sur Saone Cedex, (FR)

PATENT (CC, No, Kind, Date): EP 612040 A2 940824 (Basic)
EP 612040 B1 981209

APPLICATION (CC, No, Date): EP 94420045 940211;

PRIORITY (CC, No, Date): US 19538 930218

DESIGNATED STATES: DE; FR; GB

INTERNATIONAL PATENT CLASS: G07C-009/00; G07F-007/12;

ABSTRACT WORD COUNT: 151

LANGUAGE (Publication, Procedural, Application): English; English; English

FULLTEXT AVAILABILITY:

Available Text	Language	Update	Word Count
CLAIMS B	(English)	9850	610
CLAIMS B	(German)	9850	536
CLAIMS B	(French)	9850	675
SPEC B	(English)	9850	2288
Total word count - document A			0
Total word count - document B			4109
Total word count - documents A + B			4109

7/3,K/2 (Item 1 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

05380371 Supplier Number: 48181185 (USE FORMAT 7 FOR FULLTEXT)

Bellcore Launches Soliant Internet Systems 12/15/97

Newsbytes, pN/A

Dec 15, 1997

Language: English Record Type: Fulltext

Document Type: Newswire; General Trade

Word Count: 530

... substantial amounts of money for companies by eliminating costs
associated with paper-based purchase orders (POs).

Information from pre - approved suppliers is placed in electronic
catalog, residing inside the corporate firewall on an Oracle database...

7/3,K/3 (Item 2 from file: 16)

DIALOG(R) File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04933506 Supplier Number: 47250943 (USE FORMAT 7 FOR FULLTEXT)

Apollo Travel Services Marks a New Era in Travel Management

Business Travel News, p120

March 31, 1997

Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 930

... operating systems, third-party software and in-house E-mail systems.

TravelScreen Plus is a point-of-sale preferencing tool that displays only pre-approved vendors. Displays can be made specific to each corporate traveler's individual profile, specific to...

7/3,K/4 (Item 3 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

04263879 Supplier Number: 46246200 (USE FORMAT 7 FOR FULLTEXT)

APOLLO TRAVEL SERVICES: TECHNOLOGY FOR SUCCESS

Business Travel News, p124

March 25, 1996

Language: English Record Type: Fulltext
Document Type: Tabloid; Trade
Word Count: 1053

... accommodate your existing system.'

At the next level are products such as TravelScreen Plus, a point-of-sale preferencing tool that displays only pre-approved vendors. That control comes hand-in-hand with flexibility: Displays can be made specific to...

7/3,K/5 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2003 The Gale Group. All rts. reserv.

08996916 SUPPLIER NUMBER: 18672132 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Technology lightens the load for truckers. (electronic weighing and clearance systems)

American City & County, v111, n10, p19(2)

Sep, 1996

ISSN: 0149-337X LANGUAGE: English RECORD TYPE: Fulltext; Abstract
WORD COUNT: 696 LINE COUNT: 00060

... in-cab transponder lets drivers know if they can bypass the weigh station.

By allowing pre-approved trucks to bypass waiting lines at weigh stations, both Prepass and Advantage CVO provide freight haulers with a safer and...

7/3,K/6 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c) 2003 The Gale Group. All rts. reserv.

07244891 SUPPLIER NUMBER: 15395553 (USE FORMAT 7 OR 9 FOR FULL TEXT)

Home Depot Expo opens in Atlanta. (Home Depot Inc.; Expo Design Center)

Building Supply Home Centers, v166, n3, p20(2)

March, 1994

ISSN: 0890-9008 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT; ABSTRACT
WORD COUNT: 395 LINE COUNT: 00031

... rooms for private meetings with clients, special store hours reserved for commercial customers, free sample check out, pre-approved checking, and availability of Expo project coordinators to facilitate installation of products and completion of...

7/3,K/7 (Item 1 from file: 160)
DIALOG(R)File 160:Gale Group PROMT(R)
(c) 1999 The Gale Group. All rts. reserv.

01803059

The other side: Sales culture at Walmart means thinking like customers
Bank Marketing Magazine October, 1987 p. 78
ISSN: 0888-3194

... minimum needed to keep them. Walmart managers show their empathy with customers waiting in long check - out lines by pre - approving checks, chatting with them, answering questions and handing out coffee and soft drinks.
...

7/3,K/8 (Item 1 from file: 275)
DIALOG(R)File 275:Gale Group Computer DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

02126959 SUPPLIER NUMBER: 20077554 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Bellcore Launches Soliant Internet Systems.
Newsbytes, pNEW12150020
Dec 15, 1997
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 563 LINE COUNT: 00049

... substantial amounts of money for companies by eliminating costs associated with paper-based purchase orders (POs).

Information from pre - approved suppliers is placed in electronic catalog, residing inside the corporate firewall on an Oracle database...

7/3,K/9 (Item 1 from file: 636)
DIALOG(R)File 636:Gale Group Newsletter DB(TM)
(c) 2003 The Gale Group. All rts. reserv.

03778428 Supplier Number: 48181185 (USE FORMAT 7 FOR FULLTEXT)
Bellcore Launches Soliant Internet Systems 12/15/97
Newsbytes, pN/A
Dec 15, 1997
Language: English Record Type: Fulltext
Document Type: Newswire; General Trade
Word Count: 530

... substantial amounts of money for companies by eliminating costs associated with paper-based purchase orders (POs).

Information from pre - approved suppliers is placed in electronic catalog, residing inside the corporate firewall on an Oracle database...

7/3,K/10 (Item 1 from file: 9)
DIALOG(R)File 9:Business & Industry(R)
(c) 2003 Resp. DB Svcs. All rts. reserv.

2019474 Supplier Number: 02019474 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Bellcore Launches Soliant Internet Systems

(Bellcore launches Soliant Internet Systems, and products Soliant ADNS (Advanced Domain Name Server) and Soliant Purchaser 1.0; Soliant to address Internet telephony, net commerce, and evolving networks)

Newsbytes News Network, p N/A
December 15, 1997
DOCUMENT TYPE: Journal ISSN: 0983-1592 (United States)
LANGUAGE: English RECORD TYPE: Fulltext
WORD COUNT: 523

(USE FORMAT 7 OR 9 FOR FULLTEXT)

TEXT:

...substantial amounts of money for companies by eliminating costs associated with paper-based purchase orders (POs). Information from **pre - approved** suppliers is placed in electronic catalog, residing inside the corporate firewall on an Oracle database...

7/3,K/11 (Item 1 from file: 15)
DIALOG(R)File 15:ABI/Inform(R)
(c) 2003 ProQuest Info&Learning. All rts. reserv.

01290774 99-40170
Technology lightens the load for truckers
Anonymous
American City & County v111n10 PP: 19-20 Sep 1996
ISSN: 0149-337X JRNLD CODE: AMC
WORD COUNT: 646

...TEXT: in-cab transponder lets drivers know if they can bypass the weigh station.

By allowing **pre - approved** trucks to bypass **waiting lines** at weigh stations, both PrePass and Advantage CVO provide freight haulers with a safer and...

7/3,K/12 (Item 1 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

25357859 (USE FORMAT 7 OR 9 FOR FULLTEXT)
Homebuyers Endure Lines, Lottery for Spot in Sacramento, Calif., Development
Cameron Jahn
KRTBN KNIGHT-RIDDER TRIBUNE BUSINESS NEWS (SACRAMENTO BEE - CALIFORNIA)
October 05, 2002
JOURNAL CODE: KSAB LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1041

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... new home in the Sacramento area. Having enough money often doesn't cut it anymore. **Pre - approved** loans are usually mandatory, long **waits in line** are typical, and the commonly used lottery system still gives the buyer just an iffy...

7/3,K/13 (Item 2 from file: 20)
DIALOG(R)File 20:Dialog Global Reporter
(c) 2003 The Dialog Corp. All rts. reserv.

11434467 (USE FORMAT 7 OR 9 FOR FULLTEXT)
PROJECTS PROFILE DATA WAREHOUSING AND CUSTOMER RELATIONSHIP MANAGEMENT - IT AT WORK.
MANAGEMENT CONSULTANCY
June 09, 2000
JOURNAL CODE: WMNC LANGUAGE: English RECORD TYPE: FULLTEXT
WORD COUNT: 1375

(USE FORMAT 7 OR 9 FOR FULLTEXT)

... We are increasing our business capacity because as a certain

percentage of our customers are pre - approved at the point of sale , we can deal with even more customers."

SAS consultancy team manager, and project manager on...

7/3,K/14 (Item 1 from file: 570)
DIALOG(R)File 570:Gale Group MARS(R)
(c) 2003 The Gale Group. All rts. reserv.

01021958 Supplier Number: 40178183

The other side: Sales culture at Walmart means thinking like customers

Bank Marketing, v19, n10, p78

Oct, 1987

ISSN: 0888-3149

Language: English Record Type: Abstract

Document Type: Magazine/Journal; Trade

ABSTRACT:

...minimum needed to keep them. Walmart managers show their empathy with customers waiting in long **check - out** lines by **pre - approving** checks, chatting with them, answering questions and handing out coffee and soft drinks.

7/3,K/15 (Item 1 from file: 704)
DIALOG(R)File 704:(Portland)The Oregonian
(c) 2003 The Oregonian. All rts. reserv.

05190177

PANEL SUGGESTS WAYS TO KEEP GUNS FROM CRIMINALS, DERANGED

OREGONIAN (PO) - SUNDAY July 9, 1989

By: NICHOLAS M. HORROCK - Chicago Tribune News Service

Edition: FOURTH Section: Wire Stories Page: A15

Word Count: 1,251

... The options the report lists are divided between checks that would identify felons at the **point of sale** vs. those involving a **pre - approval** procedure.

The firearms industry historically has opposed gun control systems that require waiting periods or...

?

9/3,K/1 (Item 1 from file: 16)
DIALOG(R)File 16:Gale Group PROMT(R)
(c) 2003 The Gale Group. All rts. reserv.

01287824 Supplier Number: 41504448 (USE FORMAT 7 FOR FULLTEXT)
Raley's Rolls Out Electronic Card System
Supermarket News, p6
August 20, 1990
Language: English Record Type: Fulltext
Document Type: Magazine/Journal; Trade
Word Count: 589

... like the convenience of charging their grocery purchases, provided it can be done directly at **checkout** without **pre - approvals** at a courtesy desk," said Tronson.

"Other supermarket chains have tested electronic credit card systems

...

9/3,K/2 (Item 1 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

04819892 SUPPLIER NUMBER: 09385661 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Raley's rolls out electronic card system. (credit card and debit card payment systems offered to customers)
Alaimo, Dan
Supermarket News, v40, n34, p6(2)
August 20, 1990
ISSN: 0039-5803 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 627 LINE COUNT: 00049

... like the convenience of charging their grocery purchases, provided it can be done directly at **checkout** without **pre - approvals** at a courtesy desk," said Tronson.

"Other supermarket chains have tested electronic credit card systems

...

9/3,K/3 (Item 2 from file: 148)
DIALOG(R)File 148:Gale Group Trade & Industry DB
(c)2003 The Gale Group. All rts. reserv.

03326530 SUPPLIER NUMBER: 06060333 (USE FORMAT 7 OR 9 FOR FULL TEXT)
Winn-Dixie OKs new check system. (check approval machine system)
Zimmerman, Susan
Supermarket News, v37, n43, p36(1)
Oct 26, 1987
ISSN: 0039-5803 LANGUAGE: ENGLISH RECORD TYPE: FULLTEXT
WORD COUNT: 589 LINE COUNT: 00048

... that customers like the system. Stephens said the system speeds the check-approval process and **checkout**. Because customers electronically **pre - approve** their checks as they enter the store, they do not perceive the procedure as part...